



## SEQUENCE LISTING

<110> Sims, John E.  
<120> IL-1 DELTA DNA AND POLYPEPTIDES  
<130> 0315-C  
<140> 09/965,640  
<141> 2001-09-27  
<150> 09/612,921  
<151> 2000-07-10  
<150> 60/071,074  
<151> 1998-01-09  
<150> 60/087,393  
<151> 1998-06-01  
<160> 11  
<170> PatentIn version 3.2  
<210> 1  
<211> 468  
<212> DNA  
<213> Mus musculus  
  
<220>  
<221> CDS  
<222> (1)...(468)  
  
B2  
<400> 1  
atg atg gtt ctg agt ggg gca cta tgc ttc cga atg aag gat tca gcc 48  
Met Met Val Leu Ser Gly Ala Leu Cys Phe Arg Met Lys Asp Ser Ala  
1 5 10 15  
  
ttg aag gta ctg tat ctg cac aat aac cag ctg ctg gct gga gga ctg 96  
Leu Lys Val Leu Tyr Leu His Asn Asn Gln Leu Leu Ala Gly Gly Leu  
20 25 30  
  
cac gca gag aag gtc att aaa ggt gag gag atc agt gtt gtc cca aat 144  
His Ala Glu Lys Val Ile Lys Gly Glu Ile Ser Val Val Pro Asn  
35 40 45  
  
cg<sup>g</sup> gca ctg gat gcc agt ctg tcc cct gtc atc ctg ggc gtt caa gga 192  
Arg Ala Leu Asp Ala Ser Leu Ser Pro Val Ile Leu Gly Val Gln Gly  
50 55 60  
  
gga agc cag tgc cta tct tgt ggg aca gag aaa ggg cca att ctg aaa 240  
Gly Ser Gln Cys Leu Ser Cys Gly Thr Glu Lys Gly Pro Ile Leu Lys  
65 70 75 80  
  
ctt gag cca gtg aac atc atg gag ctc tac ctc ggg gcc aag gaa tca 288  
Leu Glu Pro Val Asn Ile Met Glu Leu Tyr Leu Gly Ala Lys Glu Ser  
85 90 95  
  
aag agc ttc acc ttc tac cgg cgg gat atg ggt ctt acc tcc agc ttc 336  
Lys Ser Phe Thr Phe Tyr Arg Arg Asp Met Gly Leu Thr Ser Ser Phe

100

105

110

gaa tcc gct gcc tac cca ggc tgg ttc ctc tgc acc tca ccg gaa gct  
 Glu Ser Ala Ala Tyr Pro Gly Trp Phe Leu Cys Thr Ser Pro Glu Ala  
 115 120 125

384

gac cag cct gtc agg ctc act cag atc cct gag gac ccc gcc tgg gat  
 Asp Gln Pro Val Arg Leu Thr Gln Ile Pro Glu Asp Pro Ala Trp Asp  
 130 135 140

432

gct ccc atc aca gac ttc tac ttt cag cag tgt gac  
 Ala Pro Ile Thr Asp Phe Tyr Phe Gln Gln Cys Asp  
 145 150 155

468

<210> 2  
<211> 156  
<212> PRT  
<213> Mus musculus

<400> 2

Met Met Val Leu Ser Gly Ala Leu Cys Phe Arg Met Lys Asp Ser Ala  
 1 5 10 15

Leu Lys Val Leu Tyr Leu His Asn Asn Gln Leu Leu Ala Gly Gly Leu  
 20 25 30

His Ala Glu Lys Val Ile Lys Gly Glu Glu Ile Ser Val Val Pro Asn  
 35 40 45

*B2*  
Arg Ala Leu Asp Ala Ser Leu Ser Pro Val Ile Leu Gly Val Gln Gly  
 50 55 60

Gly Ser Gln Cys Leu Ser Cys Gly Thr Glu Lys Gly Pro Ile Leu Lys  
 65 70 75 80

Leu Glu Pro Val Asn Ile Met Glu Leu Tyr Leu Gly Ala Lys Glu Ser  
 85 90 95

Lys Ser Phe Thr Phe Tyr Arg Arg Asp Met Gly Leu Thr Ser Ser Phe  
 100 105 110

Glu Ser Ala Ala Tyr Pro Gly Trp Phe Leu Cys Thr Ser Pro Glu Ala  
 115 120 125

Asp Gln Pro Val Arg Leu Thr Gln Ile Pro Glu Asp Pro Ala Trp Asp  
 130 135 140

Ala Pro Ile Thr Asp Phe Tyr Phe Gln Gln Cys Asp  
 145 150 155

<210> 3  
<211> 468  
<212> DNA  
<213> Homo sapiens

<220>  
<221> CDS  
<222> (1)..(468)

<400> 3  
atg gtc ctg agt ggg gcg ctg tgc ttc cga atg aag gac tcg gca ttg 48  
Met Val Leu Ser Gly Ala Leu Cys Phe Arg Met Lys Asp Ser Ala Leu  
1 5 10 15  
aag gtg ctt tat ctg cat aat aac cag ctt cta gct gga ggg ctg cat 96  
Lys Val Leu Tyr Leu His Asn Asn Gln Leu Leu Ala Gly Gly Leu His  
20 25 30  
gca ggg aag gtc att aaa ggt gaa gag atc agc gtg gtc ccc aat cgg 144  
Ala Gly Lys Val Ile Lys Gly Glu Glu Ile Ser Val Val Pro Asn Arg  
35 40 45  
tgg ctg gat gcc agc ctg tcc ccc gtc atc ctg ggt gtc cag ggt gga 192  
Trp Leu Asp Ala Ser Leu Ser Pro Val Ile Leu Gly Val Gln Gly Gly  
50 55 60  
agc cag tgc ctg tca tgt ggg gtg ggg cag gag ccg act cta aca cta 240  
Ser Gln Cys Leu Ser Cys Gly Val Gly Gln Glu Pro Thr Leu Thr Leu  
65 70 75 80  
gag cca gtg aac atc atg gag ctc tat ctt ggt gcc aag gaa tcc aag 288  
Glu Pro Val Asn Ile Met Glu Leu Tyr Leu Gly Ala Lys Glu Ser Lys  
85 90 95  
*B2*  
agc ttc acc ttc tac cgg cgg gac atg ggg ctc acc tcc agc ttc gag 336  
Ser Phe Thr Phe Tyr Arg Arg Asp Met Gly Leu Thr Ser Ser Phe Glu  
100 105 110  
tcg gct gcc tac ccg ggc tgg ttc ctg tgc acg gtg cct gaa gcc gat 384  
Ser Ala Ala Tyr Pro Gly Trp Phe Leu Cys Thr Val Pro Glu Ala Asp  
115 120 125  
cag cct gtc aga ctc acc cag ctt ccc gag aat ggt ggc tgg aat gcc 432  
Gln Pro Val Arg Leu Thr Gln Leu Pro Glu Asn Gly Gly Trp Asn Ala  
130 135 140  
ccc atc aca gac ttc tac ttc cag cag tgt gac tag 468  
Pro Ile Thr Asp Phe Tyr Phe Gln Gln Cys Asp  
145 150 155

<210> 4  
<211> 155  
<212> PRT  
<213> Homo sapiens

<400> 4

Met Val Leu Ser Gly Ala Leu Cys Phe Arg Met Lys Asp Ser Ala Leu  
1 5 10 15

Lys Val Leu Tyr Leu His Asn Asn Gln Leu Leu Ala Gly Gly Leu His  
20 25 30

Ala Gly Lys Val Ile Lys Gly Glu Glu Ile Ser Val Val Pro Asn Arg  
35 40 45

Trp Leu Asp Ala Ser Leu Ser Pro Val Ile Leu Gly Val Gln Gly Gly  
50 55 60

Ser Gln Cys Leu Ser Cys Gly Val Gly Gln Glu Pro Thr Leu Thr Leu  
65 70 75 80

Glu Pro Val Asn Ile Met Glu Leu Tyr Leu Gly Ala Lys Glu Ser Lys  
85 90 95

Ser Phe Thr Phe Tyr Arg Arg Asp Met Gly Leu Thr Ser Ser Phe Glu  
100 105 110

Ser Ala Ala Tyr Pro Gly Trp Phe Leu Cys Thr Val Pro Glu Ala Asp  
115 120 125

Gln Pro Val Arg Leu Thr Gln Leu Pro Glu Asn Gly Gly Trp Asn Ala  
130 135 140

Pro Ile Thr Asp Phe Tyr Phe Gln Gln Cys Asp  
145 150 155

B2  
<210> 5  
<211> 27  
<212> PRT  
<213> Homo sapiens

<400> 5

Pro Asp Val Ala Ser Leu Arg Gln Gln Val Glu Ala Leu Gln Gly Gln  
1 5 10 15

Val Gln His Leu Gln Ala Ala Phe Ser Gln Tyr  
20 25

<210> 6  
<211> 33  
<212> PRT  
<213> Artificial Sequence

<220>

<223> leucine zipper peptide

<400> 6

Arg Met Lys Gln Ile Glu Asp Lys Ile Glu Glu Ile Leu Ser Lys Ile  
1 5 10 15

Tyr His Ile Glu Asn Glu Ile Ala Arg Ile Lys Lys Leu Ile Gly Glu  
20 25 30

Arg

<210> 7

<211> 8

<212> PRT

<213> Artificial sequence

<220>

<223> FLAG peptide

<400> 7

Asp Tyr Lys Asp Asp Asp Asp Lys  
1 5

<210> 8

<211> 26

<212> DNA

<213> primer

<400> 8

gggagtctac accctgtgga gctcaa

26

B2 <210> 9

<211> 26

<212> DNA

<213> artificial sequence

<220>

<223> primer

<400> 9

ctgctgaaag tagaagtctg tcatgg

26

<210> 10

<211> 30

<212> DNA

<213> artificial sequence

<220>

<223> primer

<400> 10

ggagctcaag atggcctga gtggggcgct

30

<210> 11  
<211> 28  
<212> DNA  
<213> artificial sequence

B2  
<220>  
<223> primer

<400> 11  
gcattccagc caccattctc ggaaagct

28